

In re: HUI
App1 No.: 10/650,284
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Amendments to the Claims:

Please cancel Claims 1 – 10, 12 – 13 and 15 – 19 and add new Claims 20 – 32 as follows:

Claims 1 – 10 (Cancelled)

11. (Original) A polypeptide selected from the group consisting of:

- (a) a polypeptide having an inferred amino acid sequence set forth in SEQ ID NO:2;
- (b) a polypeptide which is an active fragment, analog or derivative of (a); and
- (c) a polypeptide having at least 85% homology with the amino acid sequence set forth in SEQ ID NO:2.

Claims 12 and 13 (Cancelled)

14. (Original) A pharmaceutical composition containing an effective amount of the polypeptide of Claim 11 or its active fragment, and one or more pharmaceutically acceptable vectors or excipients.

Claims 15 – 19 (Cancelled)

20. (New) The polypeptide of Claim 11, wherein said polypeptide is used for treating cardiocerebral-vascular diseases.

21. (New) The pharmaceutical composition of Claim 14, wherein said pharmaceutical composition is used for treating cardiocerebral-vascular diseases.

22. (New) A polynucleotide encoding the polypeptide of Claim 11.

23. (New) A polynucleotide of Claim 22, wherein said polynucleotide is DNA.

24. (New) A polynucleotide of Claim 22, wherein said polynucleotide is RNA.

25. (New) A polynucleotide of Claim 22, wherein said polynucleotide is genomic DNA.

26. (New) A polynucleotide of Claim 22, wherein said polynucleotide has the sequence set forth in SEQ ID NO:1.

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27. (New) A polynucleotide of Claim 22, wherein said polynucleotide has the sequence set forth as nucleotides 107 to 1219 of SEQ ID NO:1.

28. (New) A polynucleotide of Claim 23, wherein said polynucleotide has the sequence encoding the polypeptide of SEQ ID NO:2.

29. (New) A vector comprising the polynucleotide of Claim 22.

30. (New) A host cell transformed or transfected by the vector of Claim 29.

31. (New) A method for producing the polypeptide of Claim 11, comprising the following step: the polypeptide of Claim 11 is expressed by the polynucleotide encoding it in a host cell.

32. (New) A polynucleotide capable of hybridizing with the polynucleotide of Claim 22 and having at least 85% homology with the polynucleotide of Claim 22.

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